

#### ABSTRACT OF THE DISCLOSURE

Disclosed herein is an optical add/drop device including an optical demultiplexer for separating WDM signal light into  $n$  optical signals where  $n$  is an integer not less than 2,  $n$  first optical switches to which the  $n$  optical signals output from the optical demultiplexer are supplied, respectively, a second optical switch for adding provided on the input side of the first optical switches, a third optical switch for dropping provided on the output side of the first optical switches,  $n$  regenerators for wavelength converting the optical signals passed through the first optical switches, and an optical multiplexer for wavelength division multiplexing the wavelength-converted optical signals. A transmission distance between nodes can be increased by using this device.